

PRODUCTION OF LIQUID CRYSTAL DISPLAY ELEMENT

Patent Number: JP7128674

Publication date: 1995-05-19

Inventor(s): OKAZAKI YOSHIYUKI; others: 03

Applicant(s): MATSUSHITA ELECTRIC IND CO LTD

Requested Patent: JP7128674

Application Number: JP19930276850 19931105

Priority Number(s):

IPC Classification: G02F1/1341; G02F1/13

EC Classification:

Equivalents:

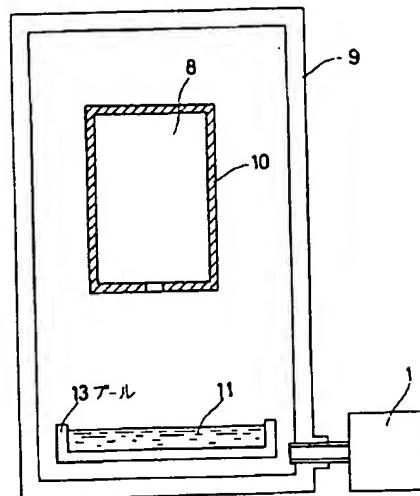
Abstract

PURPOSE: To prevent the mixing of impurity ions into a liquid crystal and to eliminate impurity ions by a simple method and to decrease traces of drops, irregular threshold and uneven injection.

CONSTITUTION: Just before a liquid crystal 11 is dropped on the surface of a substrate 7 the periphery of which is surrounded with a sealing material 10, ions are trapped with an ion trapper 3 so as to drop the liquid crystal 11 containing little impurity ions. Then substrates facing to each other are laminated in vacuum. Alternatively, a vacant liquid crystal cell prepared by sticking the peripheral of substrates with a sealing material. Just before the injection port of the vacant liquid crystal cell is dipped in a liquid crystal in vacuum, ions are trapped so as to directly dip the injection port of the vacant cell in the liquid crystal. Then the gas pressure is returned to atmospheric pressure to perform vacuum injection.

Data supplied from the esp@cenet database - I2

【図3】



フロントページの続き

(72)発明者 中尾 喜代子
大阪府門真市大字門真1006番地 松下電器
産業株式会社内